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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. YAMAP0705US

First Inventor or Application Identifier H. Fujiyama

Title WRITE COMPENSATION CIRCUIT ...

Express Mail Label No. EJ464626694US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 47]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 21]
4. Oath or Declaration [Total Pages ]

  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

**\*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington DC 20231

5.  Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

jc625 U.S. PTO  
09/15/2000**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. §3.73(b) Statement  Power of  
(when there is an assignee)  Attorney
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
  - \* Small Entity  Statement filed in prior application,  
Statement(s)  Status still proper and desired  
(PTO/SB/09-12)
13.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14.  Other:  Certificate of Mailing &  
 Letter Identifying Inventors
15.  Other: .....  
.....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No. / Group / Art Unit: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
Name Renner, Otto, Boisselle & Sklar, P.L.L.				
Address Neil A. DuChez 1621 Euclid Avenue 19th Floor				
City Cleveland	State OH	Zip Code 44115		
Country	Telephone 216-621-1113	Fax 216-621-6165		

Name (Print/Type)	Neil A. DuChez	Registration No. (Attorney/Agent)	26,725
Signature		Date	3-30-00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



## CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that the attached patent application (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on this date March 30, 2000, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EJ464626694US addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Janet Farr  
Typed or Printed Name of Person Mailing Paper

*Janet Farr*  
(Signature of Person Mailing Paper)

YAMAP0705US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Group Art Unit:  
Hirokuni Fujiyama : Examiner  
Express Mail No.: EJ464626694US :  
Filed: March 30, 2000 :  
For: WRITE COMPENSATION CIRCUIT AND SIGNAL INTERPOLATION CIRCUIT OF  
RECORDING DEVICE

LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The attached application is submitted herewith absent a Combined Declaration and Power of Attorney in accordance with 37 CFR §1.53(b) and (d). The inventors are as follows:

Hirokuni Fujiyama  
141, Takatsukiryo, 7-1-141, Miyanocho  
Takatsukishi, Osaka 569-0081 Japan

Shiro Dosho  
3-3-5-202, Hachizuka  
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Takatsukishi, Osaka 569-0822 Japan

Hiroki Mouri  
6-7-104, Naritacho  
Neyagawashi, Osaka 572-0004 Japan

It is requested that the Patent Office direct all correspondence regarding this application to:

Neil A. DuChez  
Renner, Otto, Boisselle & Sklar, P.L.L.  
1621 Euclid Avenue, Nineteenth Floor  
Cleveland, Ohio 44115

Respectfully submitted,  
RENNER, OTTO, BOISSELLE & SKLAR, P.L.L.

By   
Neil A. DuChez  
Reg. No. 26,725

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# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 690.00

## Complete if Known

Application Number	EJ464626694US
Filing Date	March 30, 2000
First Named Inventor	H. Fujiyama
Examiner Name	
Group / Art Unit	
Attorney Docket No.	YAMAP0705US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-0988

Deposit Account Name Renner, Otto, Boisselle

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17  Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	690		
106 310	206 155	Design filing fee			
107 480	207 240	Plant filing fee			
108 690	208 345	Reissue filing fee			
114 150	214 75	Provisional filing fee			
<b>SUBTOTAL (1) (\$)</b>		<b>690</b>			

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	8	-20** = 0	x 18 = 0
Independent Claims	2	- 3** = 0	x 78 = 0
Multiple Dependent			260 = 0

\*or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		<b>0</b>

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath			
127 50	227 25	Surcharge - late provisional filing fee or cover sheet			
139 130	139 130	Non-English specification			
147 2,520	147 2,520	For filing a request for reexamination			
112 920*	112 920*	Requesting publication of SIR prior to Examiner action			
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action			
115 110	215 55	Extension for reply within first month			
116 380	216 190	Extension for reply within second month			
117 870	217 435	Extension for reply within third month			
118 1,360	218 680	Extension for reply within fourth month			
128 1,850	228 925	Extension for reply within fifth month			
119 300	219 150	Notice of Appeal			
120 300	220 150	Filing a brief in support of an appeal			
121 260	221 130	Request for oral hearing			
138 1,510	138 1,510	Petition to institute a public use proceeding			
140 110	240 55	Petition to revive - unavoidable			
141 1,210	241 605	Petition to revive - unintentional			
142 1,210	242 605	Utility issue fee (or reissue)			
143 430	243 215	Design issue fee			
144 580	244 290	Plant issue fee			
122 130	122 130	Petitions to the Commissioner			
123 50	123 50	Petitions related to provisional applications			
126 240	126 240	Submission of Information Disclosure Stmt			
581 40	581 40	Recording each patent assignment per property (times number of properties)			
146 690	246 345	Filing a submission after final rejection (37 CFR 1.129(a))			
149 690	249 345	For each additional invention to be examined (37 CFR 1.129(b))			

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

· Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Typed or Printed Name

Neil A. DuChez

Complete (if applicable)

Reg. Number 26,725

Signature

Date 3-30-00

Deposit Account User ID

18-0988

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